



NITFS Compliance Registration



Product: OrbView-5 Output Production System Version 5.2

Sponsor: GeoEy

Developer: GeoEy

Date: 30 July 2009

Expiration: 29 July 2011

Registration #: 1037

- ☐ Initial Registration
☒ Supplemental/Update # 1025
☐ Derived from Reg. #

☒ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

-GeoEye OrbView-5 Output Production System

NITFS Features Implemented:

Format

NITF

- ☒ 2.1
☒ 2.0
☐ 1.1

NSIF

- ☐ 1.0

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
☐ CGM, 2301
☐ CGM, 2301A
☐ Labels **

Text Segments

- ☒ STA
☐ UT1
☐ U8S
☐ MTF

Image Segment Types

- ☐ MONO
☒ RGB
☐ RGB/LUT
☐ YCbCr
☒ MULTI
☐ NODISPLAY
☐ POLAR

Image Compression

- ☐ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsample
☐ JPEG Lossless
☒ JPEG 2000
☐ Bi-Level
☐ Vector Quantization
☐ Multispectral JPEG, Individual Band

Data Extension Segments

- ☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☐ DIGEST
☒ STDI-0002
☐ NCDRD
☒ NNDDD

Legend

- Interpret
Gen
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Lorrie Sather, Acting Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.